

**Summary Report for Individual Task**  
**551-88M-2375**  
**Operate the Heavy Equipment Transporter on Improved Roads**  
**Status: Approved**

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**Distribution Restriction:** Approved for public release; distribution is unlimited.

**Destruction Notice:** None

**Foreign Disclosure: FD5** - This product/publication has been reviewed by the product developers in coordination with the Fort Lee, VA foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.

**Condition:** In an operational environment, on an improved roadway, given a mission-ready coupled M1070/M1000 HET Tractor-semitrailer combination, hearing protection, route to maneuver and assistant driver. Some iterations of this task should be performed in MOPP 4.

**Standard:** Operate the HET Tractor-semitrailer combination with 100% accuracy, on improved roadway adhering to all route limitations of weight, height, and width without causing injury to personnel or damage to equipment or roadway.

**Special Condition:** None

**Safety Risk:** High

**MOPP 4:** Sometimes

<b>Task Statements</b>
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**Cue:** Your unit has received a mission to travel to another location to pick up several tanks for transport to a port of debarkation.

## **DANGER**

Soldiers must be aware of the inherent dangers of working in and around tactical wheeled vehicles. Hot surfaces, sharp, moving objects such as fan blades, slippery surfaces, and excessively loud noises are all dangers. These dangers are also applicable to hazardous cargo being transported (as applicable). Each Soldier should take every precaution not to become a victim of these dangers by following regulatory guidance and risk management rules.

## **WARNING**

Adhere to all WARNING statements in the referenced technical manuals for the procedures identified for this task.

## **CAUTION**

Adhere to all CAUTION statements in the referenced technical manuals for the procedures identified for this task.

**Remarks:** None

**Notes:** None

## **Performance Steps**

### **1. Conduct a risk assessment.**

- a. Identify hazards.
- b. Assess hazards to determine risk.
- c. Develop controls.
- d. Implement controls.
- e. Supervise.
- f. Evaluate.

### **2. Prepare HET with HETS for Operation.**

- a. Adjust driver's seat.
- b. Adjust mirrors as needed.
- c. Ensure that load is secured properly to the semitrailer (if to be loaded).
- d. Start vehicle engine (refer to TM 9-2320-360-10, paragraph 2-12a and b, page 2-126 through 2-133).
- e. Monitor all gauges for proper reading and allow engine to warm up.
- f. Ensure that all low pressure warning lights and buzzers go out as intended by TM.
- g. Adhere to all WARNING and CAUTION statements in the TM applicable to these procedures.

### **3. Place HET system into motion.**

- a. Refer to TM 9-2320-360-10, paragraph 2-9a, page 2-114 for proper operating procedures.
- b. Adhere to all WARNING and CAUTION statements in the TM for these procedures.

### **4. Navigate HET system through normal traffic situations and road conditions.**

- a. Use brake retarder (unless road conditions prohibit use).
- b. Use alternate transfer gear range (as needed).
- c. Adhere to all restricted speed ranges for the appropriate driving conditions/load.
- d. Monitor vehicle indicator lights and gauges, during movement, for proper indications (part of during-operation maintenance).
- e. Maintain vehicle awareness to include -
  - (1) Unusual engine noises or vibration.

(2) Unusual handling characteristics or erratic behavior.

(3) Vehicle position on the roadway.

(4) Upcoming obstacles that may hinder vehicle progress.

f. Negotiate tractor semitrailer combination through the following obstacles -

(1) Right and left turns.

(2) Heavy traffic areas.

(3) Over bridges.

(4) Through underpasses (watch overhead restrictions in width and height).

(5) Steep upgrades or downgrades.

(6) Curves in the roadway.

(7) Intersections (for stopping and not stopping).

5. Shutdown vehicle. Refer to TM 9-2320-360-10, paragraph 2-12g, pages 2-139 and 2-140.

(Asterisks indicates a leader performance step.)

**Evaluation Guidance:** Score the Soldier GO if all performance measures are passed. Score the Soldier NO-GO if any performance measure is failed. Tell the Soldier what was done wrong and how to perform it correctly.

**Evaluation Preparation:** Setup: Provide for the Soldier a mission-ready, coupled HET System, and assistant driver, and a designated route.

Brief Soldier: Instruct the Soldier to mount the vehicle, make the necessary driver adjustments, and follow the designated route to destination. All vehicle operations must occur without injury to any personnel or damage to vehicle or surroundings.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Performed a risk assessment and identified all hazards associated with the vehicle movement.			
2. Prepared HET and HETS for operation.			
3. Placed coupled HET into motion.			
4. Navigated HET with HETS through normal traffic situations and road conditions.			
5. Parked and shutdown vehicle.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	AR 600-55	THE ARMY DRIVER AND OPERATOR STANDARDIZATION PROGRAM (SELECTION, TRAINING, TESTING, AND LICENSING)	No	No
	ATP 5-19	RISK MANAGEMENT <a href="http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp5_19.pdf">http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp5_19.pdf</a>	No	No
	TC 21-305-20	Manual for the Wheeled Vehicle Operator {AFMAN 24-306(I)}	No	No
	TM 9-2320-360-10	OPERATORS MANUAL FOR TRUCK, TRACTOR, M1070, 8X8, HEAVY EQUIPMENT TRANSPORTER (HET) (NSN 2320-01-318-9902) (EIC: B5C) (REPRINTED W/BASIC INCL C1-3)	No	No
	TM 9-2330-381-14	OPERATORS, UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL FOR HEAVY EQUIPMENT TRANSPORTER SEMITRAILER, 70 TON, M1000 (NSN 2330-01-303-8832) (EIC: CXU) {TM 09295A-14/1}D	No	No

**Environment:** Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT. Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination.

**Prerequisite Individual Tasks :** None

**Supporting Individual Tasks :** None

**Supported Individual Tasks :**

Task Number	Title	Proponent	Status
551-88M-2377	Unload a Tracked Vehicle From a Heavy Equipment Transporter (HET)	551 - Transportation (Individual)	Proposed

**Supported Collective Tasks :**

Task Number	Title	Proponent	Status
55-2-0024	Transport Crew Members and Overweight Vehicles or Oversized Cargo	55 - Transportation (Collective)	Approved
55-2-0024(Step: 3.)	Transport Crew Members and Overweight Vehicles or Oversized Cargo	55 - Transportation (Collective)	Approved

**ICTL Data :**

ICTL Title	Personnel Type	MOS Data
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MOS 88M - Motor Transport Operator	Enlisted	MOS: 88M
MOS 88M - Motor Transport Operator SL3	Enlisted	MOS: 88M, Skill Level: SL3
MOS 88M - Motor Transport Operator SL4	Enlisted	MOS: 88M, Skill Level: SL4
MOS 88M - Motor Transport Operator SL 1-4	Enlisted	MOS: 88M
MOS 88M - Motor Transport Operator SL2	Enlisted	MOS: 88M, Skill Level: SL2